



**Shuichiro Kimoto of Osaka, Japan, receives information about the program for the New Orleans meeting from A. E. Bailey, membership chairman for 1950-51.**

## Experts Give 28 Papers in New Orleans

AT the 42nd annual meeting of The American Oil Chemists' Society, held in New Orleans on May 1-3, 1951, a total of 28 technical papers was presented. In addition, there were open meetings of the Refining Committee and the Oil Color committee.

Six of the papers were concerned, in general, with the extraction of oils. They included papers on the evaluation of yeast fat and defatted yeast by J. F. Brasch of Anheuser-Busch Inc.; a laboratory-scale, basket-type extractor by R. A. Reiners, M. S. Sniogowski, and A. R. Baldwin of Corn Products Refining Company; the rate of extraction of oil with hexane by S. P. Clark and A. Cecil Wamble, Texas Engineering Experiment Station; a new type of traveling-screen extractor by W. D. Harris, Agricultural and Mechanical College of Texas; batch extraction of cottonseed by five commercial solvents by P. H. Eaves, L. J. Molaison, C. L. Black, A. J. Crovetto, and E. L. D'Aquin, Southern Regional Research Laboratory; and pilot plant desolventization of fine cottonseed meal by A. V. Graci, N. B. Knoepfler, H. K. Gardner, A. J. Crovetto, and J. J. Spadaro of the Southern Regional Research Laboratory.

Five papers were concerned with analytical matters. In the first of these Egbert Freyer and Victor Shelburne, Spencer Kellogg and Sons Inc., discussed the rapid estimation of phosphatide content and refining loss in crude soybean oil by means of the centrifugal acetone foots tests. In another J. Boldingh and J. R. Drost of Lever Bros. and Unilever N.V., The Netherlands, described a chromatographic-spectrophotometric method for the estimation of Vitamin A in margarine. The x-ray identification of octadecenoic acids was the subject of a paper by N. N. Hellman and F. R. Senti, Northern Regional Research Laboratory. Another paper in this group was that by J. A. Cannon, K. T. Zilch, and H. J. Dutton of the Northern Regional Research Laboratory on the analysis of the oxidative products of methyl linoleate by a countercurrent distribution method. This is the fifth of a series on allied subjects. J. N. Shaw, J. W. Garrett, and S. O. Sorensen of Archer-Daniels-Midland Company compared several methods for the determination of the non-oil constituents of raw linseed oil.

In two papers from the Southern Regional Research Laboratory R. N. Moore and W. G. Bickford, and Gordon S. Fisher and W. G. Bickford reported the results of a comparative evaluation of a number of antioxidants and described a method for the preparation of antioxidant-free oils. It was found that inhibitors in low concentration have a greater effect in lard than in cottonseed oil. The tocopherols in rye germ oil were discussed by H. A. Schuette and A. A. Harlow.

A. D. Rich of the Filtrol Corporation presented a paper on the commercial aspects of the decolorization of fatty oils in which he discussed methods, types of adsorbent, procedures, and the principal problems involved. Deodorization technique was the subject of a presentation by F. B. White of the Foster-Wheeler Corporation, and J. R. Kroonen, R. D. Feuge, and K. S. Markley of the Southern Regional Research Laboratory were authors of a paper entitled "Re-refining of Cottonseed Oil at High Rates of Shear," which indicated that high shear rates are desirable.

In anticipation of a possible wartime shortage of glycerine R. E. Beal and N. H. Ludwig of the Northern Regional Research Laboratory presented a paper in which was discussed a method for preparing monoglycerides from soybean oil suitable for use as emulsifier in shortenings, without the addition

of excess glycerine. By the process two-thirds of the fatty acids originally present in the oil are recovered as a by-product.

A paper on the surface film characteristics of monoglycerides was read by B. F. Daubert of the University of Pittsburgh. D. B. Merker was a co-author.

Under the title, "Modification of Vegetable Oils. XII. Plasticity of Some Aceto Derivatives of Monostearin," R. O. Feuge, E. J. Vicknair, and N. V. Lovegren of the Southern Regional Research Laboratory described materials showing unusual plasticity, which may be useful as edible flexible coatings for cheese, etc.

The effect of phytic acid, a naturally occurring substance, on the stability of oils containing trace metals was the subject of a presentation by C. D. Evans, Patricia M. Cooney, Helen A. Moser, and A. W. Schwab of the Northern Regional Research Laboratory. It was reported to be quite effective as a metal inactivator.

Harold Witteoff of General Mills Inc. read a paper on advances in the chemistry of protective coatings, and W. Gordon Rose of the Western Regional Research Laboratory presented a discussion of the protein of castor bean lipase.

R. J. VANDER WAL.



**B. F. Daubert (left) and H. S. Mitchell study a point in the Methods of Analysis.**

## Good Is the Word for New Orleans Meeting

WITH good weather and good attendance the 42nd annual meeting of the American Oil Chemists' Society was held at the Roosevelt hotel in New Orleans on May 1-3, 1951, under the combined leadership of President J. R. Mays Jr. and J. A. Kime, general chairman. A total of 28 technical papers was presented by T. H. Hopper, program chairman, and social events were varied and enjoyable. Two business sessions were held, one on May 2 for the announcement of election results and action of the Society membership in regard to establishing the emeritus class of membership, and the other on May 3 for routine business.

Registration was 369, including 86 women. Twenty-seven states and the District of Columbia were represented, also Canada, Mexico, Japan, Holland, Honduras, and Colombia. Large state delegations were Illinois, with 58, Louisiana with 45, Texas with 34, Ohio with 19, Tennessee with 16, Georgia and New York with 11 each.

Besides Mr. Kime and Mr. Hopper, other New Orleans chairmen were Mrs. C. L. Hoffpauir, ladies' entertainment; A. F. Freeman, hotel reservations; W. S. Singleton, registration; Mr. Hoffpauir, publicity; J. J. Ganucheau, annual dinner; F. G. Dollear, golf; and E. A. Gastrock, treasurer.

Committee reports were presented on Tuesday morning following the invocation by T. C. Law. Minutes of the 41st meeting were waived on motion of J. J. Vollertsen and J. A. Kime with approval of the assembly. Report of the secretary, H. L. Roschen, was read in his absence by the executive secretary. Report of the treasurer was given by Mr. Vollertsen, presidential address by Mr. Mays, membership report by A. E. Bailey, Journal report by A. R. Baldwin, advertising report by N. A. Ruston, report of the executive secretary by Lucy R. Hawkins. The report of the Education Committee was given by Dr. Baldwin, who took advantage of the absence of the chairman, J. P. Harris, to express appreciation of his services in developing the Society's short courses for 1948, 1949, and 1950. R. W. Bates gave the Smalley report, and others who came to the rostrum were R. C. Stillman, spectroscopy; E. M. James, refining; and Procter Thomson, oil color.